

ABSTRACT

For

VOICE-PRODUCING PROSTHESIS

A prosthesis for placement in the area of the pharynx, an upper region of the trachea or in a wall between the esophagus and an upper region of the trachea is provided with an air passage and a vibrating element for vibrating air. Because the prosthesis is provided with a stop for abruptly impeding the movability of the vibrating element in at least one position, sound with a broad spectrum of frequencies is produced which, when speaking, can be effectively converted into the desired sounds. This ensures a highly improved understandability and a more natural voice. According to a practical possibility, the voice prosthesis is incorporated in a one-way valve as a modular part.